

Docket No.: KNAUFF-5
Serial No.: 10756,835

**AMENDMENTS TO THE CLAIMS WITH MARKINGS TO SHOW CHANGES
MADE, AND LISTING OF ALL CLAIMS WITH PROPER IDENTIFIERS**

1. (Currently amended) A permanent magnet ~~structure~~ module pre-fabricated for attachment to a shaft of a permanent-magnet excited synchronous motor for operating a machine tool or an electrically propelled vehicle, said module being sized for attachment as a unit to a circumferential portion of the shaft and comprising[(:)] a carrier; and plural permanent magnets placed—on attached to at least one side of the carrier.
2. (Currently amended) The ~~structure~~ module of claim 1, wherein the carrier is a sleeve.
3. (Currently amended) The ~~structure~~ module of claim 1, wherein the carrier is made of soft magnetic material.
4. (Currently amended) The ~~structure~~ module of claim 1, wherein the carrier is made of ~~amagnetic~~ nonmagnetic material.
5. (Currently amended) The ~~structure~~ module of claim 1, wherein the carrier is made of ~~amagnetic~~ nonmagnetic material containing carbon fibers.
6. (Currently amended) The ~~structure~~ module of claim 5, wherein the carbon-fiber containing material is carbon fiber reinforced plastic (CFK).
7. (Currently amended) The ~~structure~~ module of claim 1, and further comprising a further carrier, said plural permanent magnets being sandwiched between the carriers, wherein one of the carriers is made of ~~amagnetic~~ nonmagnetic material and the other one of the carriers is made of soft magnetic material.

Docket No.: KNAUFF-5
Serial No.: 10/756,835

8. (Currently amended) The ~~structure~~ module of claim 7, wherein the permanent magnets have a radial thickness of: 3.5 mm, the ~~amagnetic~~ nonmagnetic carrier material has a thickness of 0.5-1.0 mm, and the soft-magnetic carrier material has a thickness of 0.5 mm.
9. (Currently amended) The ~~structure~~ module of claim 7, wherein the permanent magnets are potted between the carriers within a casting compound.
10. (Currently amended) The ~~structure~~ module of claim 1 having a configuration at least partly resembling a cylindrical jacket, wherein the permanent magnets are arranged axially behind one another or in axially offset relationship according to a predefined pattern.
11. (Currently amended and withdrawn) The ~~structure~~ module of claim 1, wherein the permanent magnets are arranged on the carrier to form a joint-type relationship to realize a flexibility of the ~~structure~~ module.
12. (Currently amended) The ~~structure~~ module of claim 1, wherein the permanent magnets have a thickness which is at least twice a thickness of the carrier.
13. (Currently amended) ~~In a A permanent-magnet excited synchronous motor for operating a machine tool or an electrically propelled vehicle, comprising having a rotor[.]] which turns relative to a stator and includes a shaft and a pre-fabricated module sized for attachment as a unit to a circumferential portion of the shaft permanent-magnet-structure, wherein the permanent magnet-structure comprises~~ module is constructed to include a carrier, and plural permanent magnets placed on which are attached to at least one side of the carrier.

Docket No.: KNAUFF-5
Serial No.: 10/756,835

14. (Currently amended) The permanent-magnet excited synchronous motor of claim 13, wherein the ~~structure~~ module is attached to a the shaft by at least a process selected from the group consisting of shrinking, form-fitting securement, and material-interconnecting engagement, to thereby form the rotor.
15. (Canceled)
16. (New) The permanent-magnet excited synchronous motor of claim 13, wherein the module is received in a pocket of the shaft.